

FIG. 1

deleted

enlarged,
cleaned

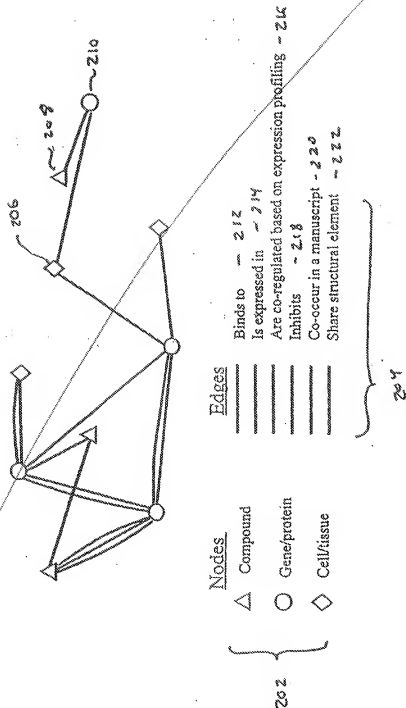


FIG. 2

cleaned

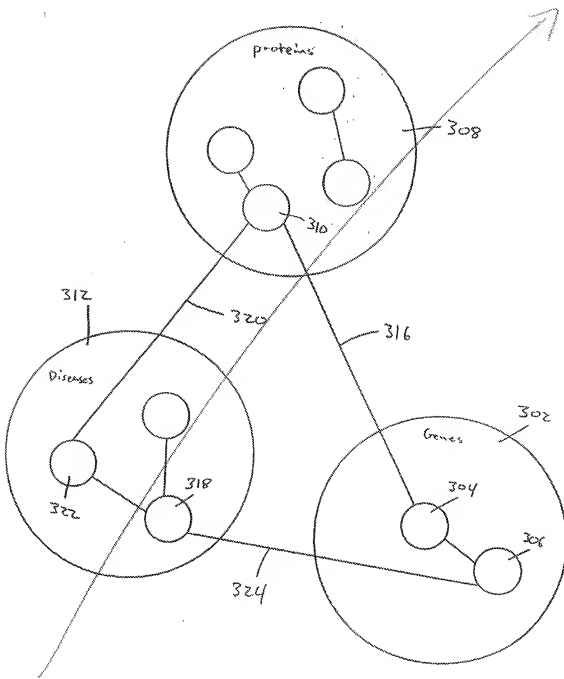
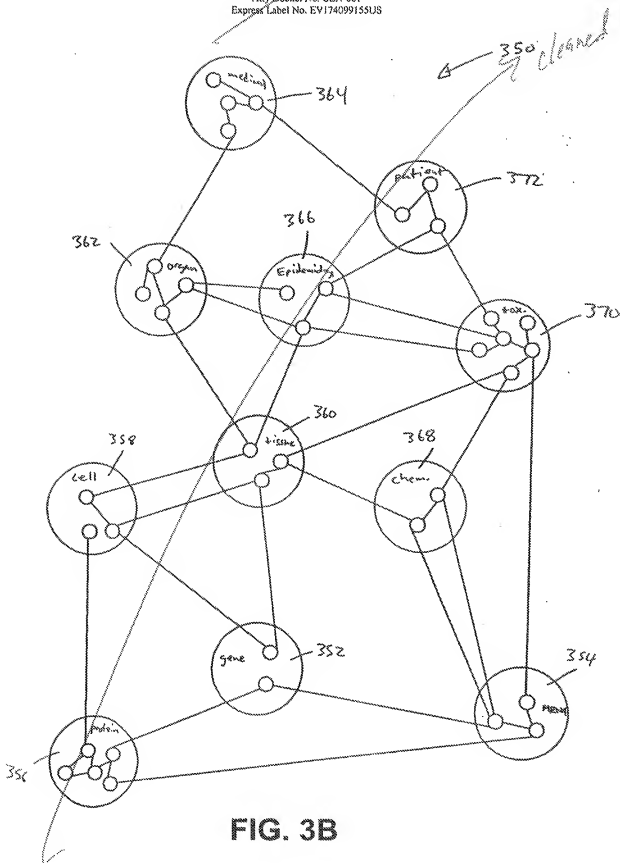
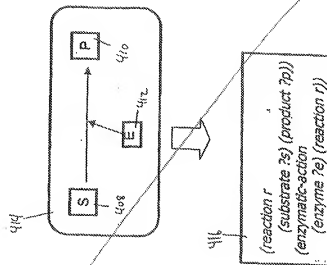
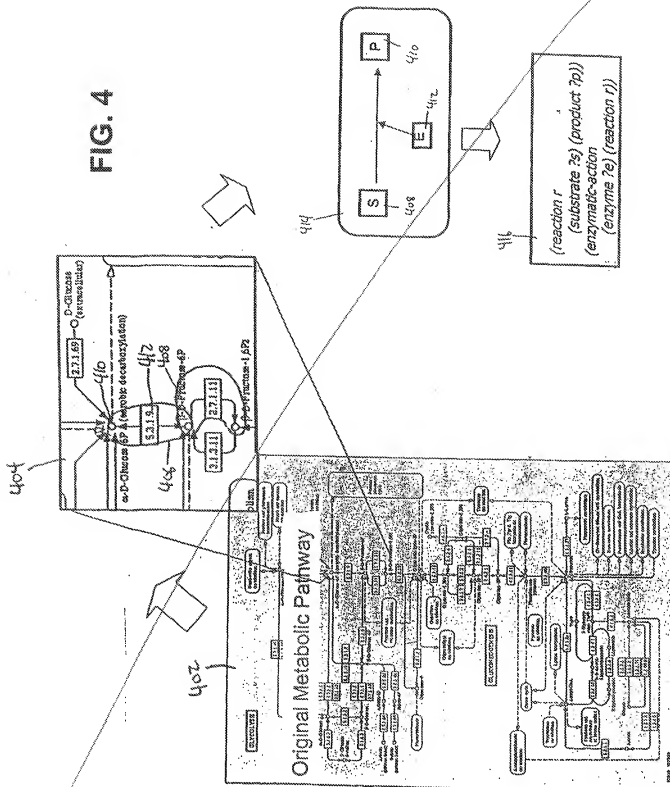


FIG. 3A



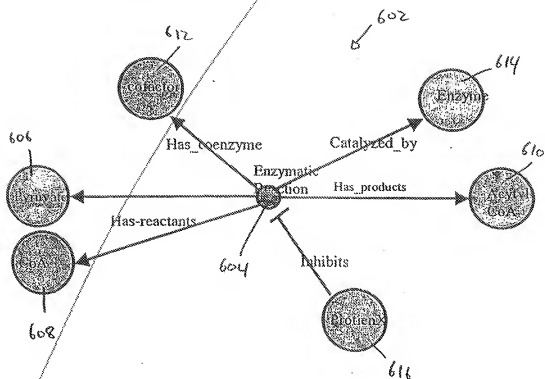
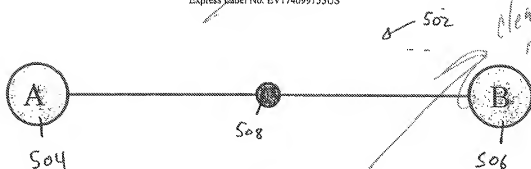
Annotated Sheet
enlarged, cleaning
no shading

FIG. 4



(reaction r)
(substrate 2s) (product 2p)
(enzymatic-action
(enzyme 2e) (reaction r))

Annotated Sheet



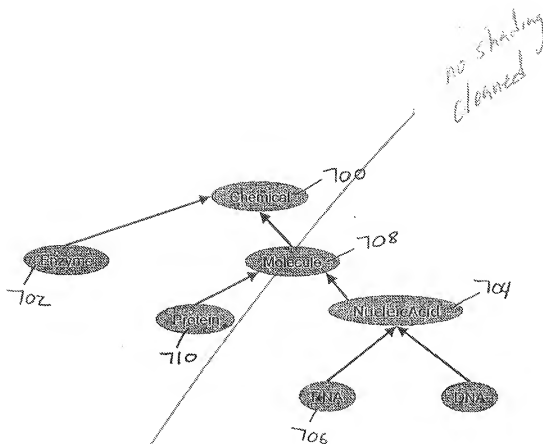


FIG. 7A

Annotated Sheet

cleaned,
no shading

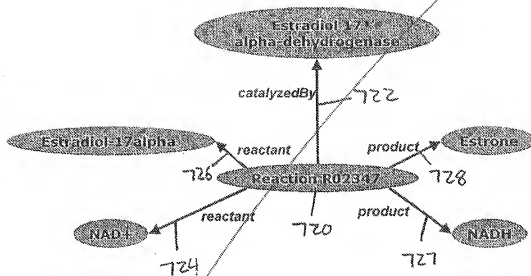


FIG. 7B

Annotated Sheet

*cleaned,
no
shading*

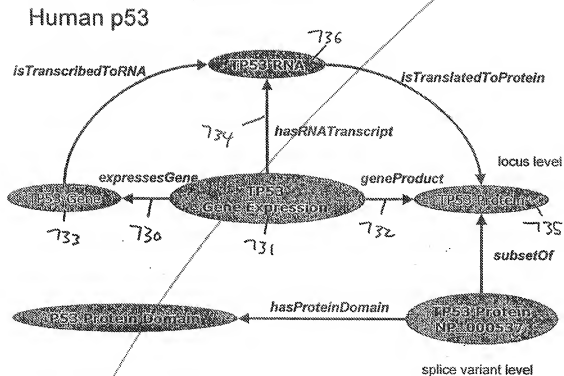


FIG. 7C

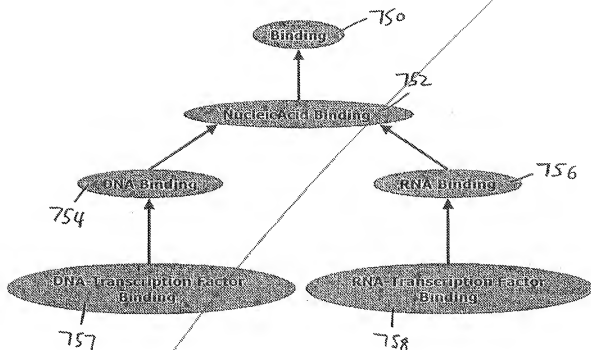


FIG. 7D

Annotated Sheet

observed no binding

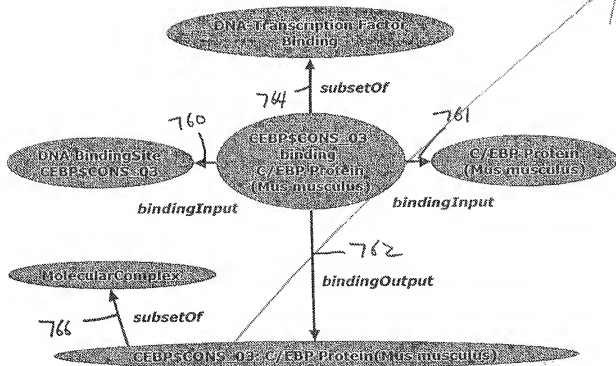


FIG. 7E

Annotated Sheet

cleaned, no shading

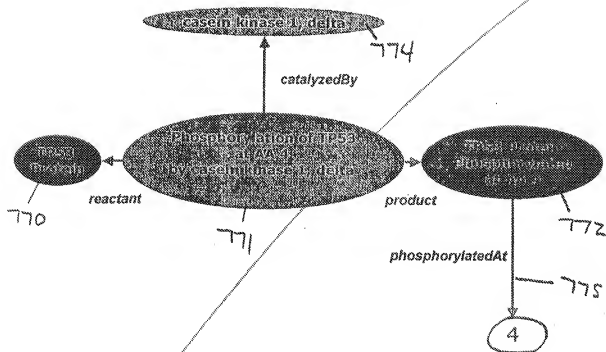


FIG. 7F

Annotated Sheet

Cleaned no shading

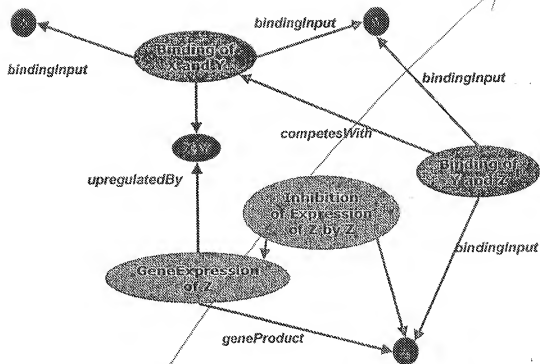


FIG. 7G

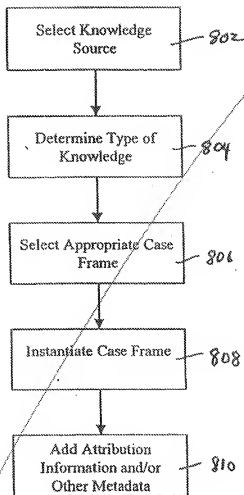


FIG. 8

Annotated Sheet

*enlarged, cleaning
no shading*

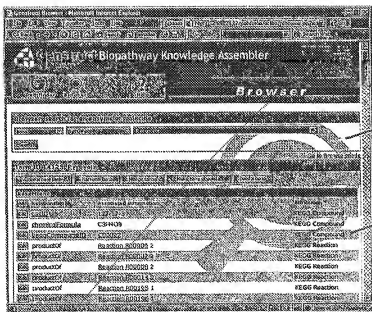


FIG. 9

Annotated Sheet

enlarged, cleaned
no shading

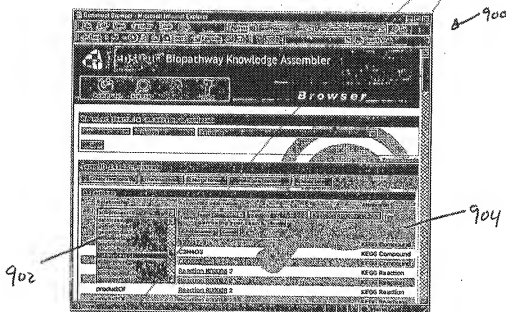


FIG. 10

Annotated Sheet

enlarged
cleaned
no shading

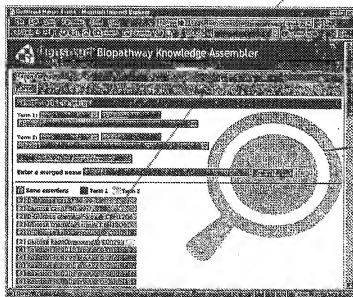


FIG. 11

Annotated Sheet

inlay cleaned
200 → no shading



FIG. 12

Annotated Sheet

*enlarged
channel,
no shading*
1300

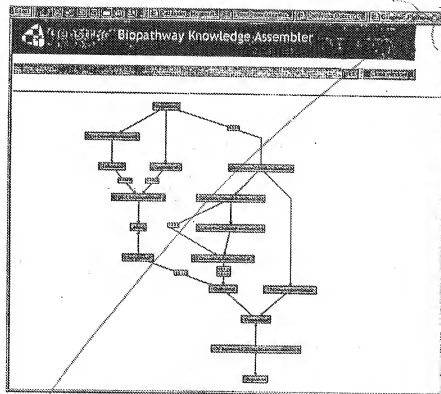


FIG. 13

Annotated Sheet

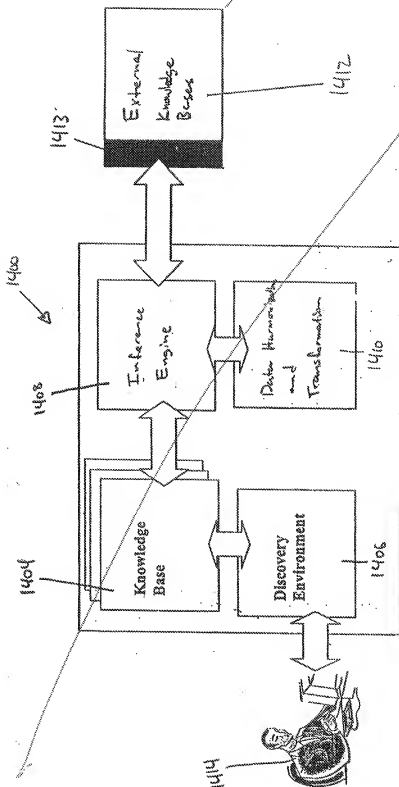


FIG. 14

Annotated Sheet

Revised

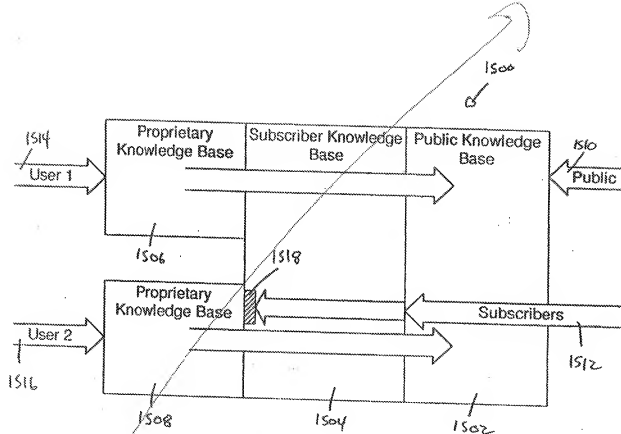


FIG. 15